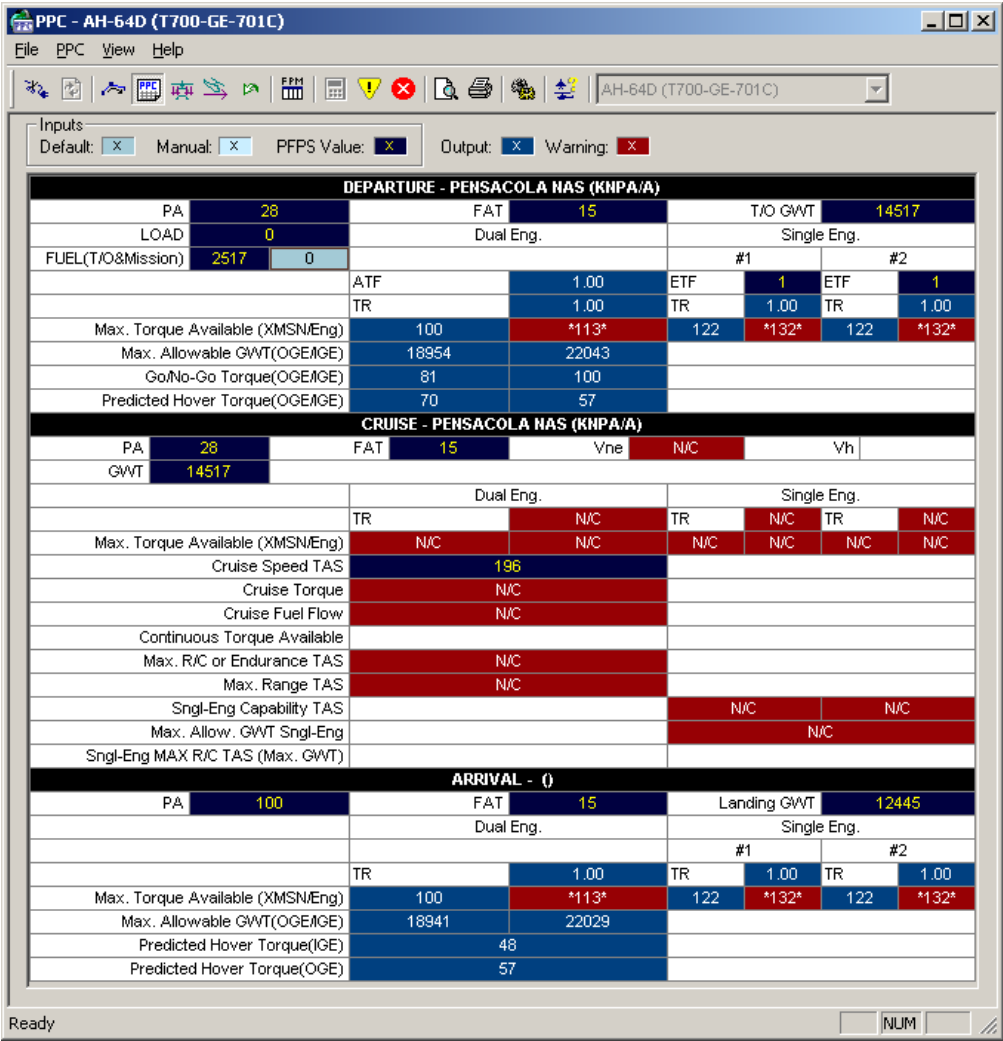


PPC Screen Shots

21 Sept 2004

PPC Screen Shots

- Chart 1



PPC Screen Shots

- Chart 2

PPC - AH-64D (T700-GE-701C)

File PPC View Help

Inputs: Default: ☒ Manual: ☒ PFPS Value: ☒ Output: ☒ Warning: ☒

HOVER CALCULATOR

PA	FAT	GWT	Hov Ht
0	15	16000	5
		Dual Engine	Single Engine
			#1 #2
ATF/ETF		1.00	1 1
Torque Required (IGE)		65	*130* *130*
Fuel Flow (IGE)		1021	880 880
Torque Required (OGE)		79	*158* *158*
Fuel Flow (OGE)		1163	N/A N/A
Fuel Flow @ Flight Idle		556	
Fuel Flow @ Ground Idle		334	
APU Fuel Flow		175	
Torque Available		100	122 122
Max Hover Weight OGE		18959	*13066* *13066*
Max Hover Weight IGE		22049	*15232* *15232*
VROC max (ft/min)		1590	N/A N/A
Hover Ceiling OGE		10556	N/A N/A
Hover Ceiling OGE FAT		-6	N/A N/A
Hover Ceiling IGE		14746	N/A N/A
Hover Ceiling IGE FAT		-14	N/A N/A

Ready NUM

PPC Screen Shots

• Chart 3

UH-60/AH-64 PERFORMANCE PLANNING CARD													
For use of this form, see TCs 1-212 and 1-214; the proponent agency is TRADOC.													
DEPARTURE													
PA		28		FAT		15		TAKEOFF GWT		14517			
LOAD				0				DUAL ENG		SINGLE ENG			
FUEL				2517								0	
MAX TORQUE AVAILABLE MAX ALLOWABLE GWT (DGE/IGE) GO/NO-GO TORQUE (DGE/IGE) PREDICTED HOVER TORQUE (DGE/IGE)				ATF		1 00		ETF		1 00			
				TR		1 00		TR		1 00			
				100		*113*		122		*132*			
				18954		22043							
				81		100							
				70		57							
REMARKS:													
Note: All Airspeeds are TAS.													
CRUISE DATA													
PA		28		FAT		15		Vne		N/C		Vh	
MAX TORQUE AVAILABLE CRUISE SPEED				DUAL ENG				SINGLE ENG					
				TR				N/C					
				N/C				N/C					
				IAS		TAS		IAS		TAS			

FUEL MANAGEMENT			
FUEL/TIME		BURNOUT	
START	/	RESERVE	
STOP	/	CONSUMPTION RATE	
ARRIVAL			
PA	100	FAT	15
MAX TORQUE AVAILABLE MAX ALLOWABLE GWT (OGE/IGE) PREDICTED HOVER TORQUE (IGE) PREDICTED HOVER TORQUE (OGE)		DUAL ENG	
		#	
		TR	1 00
		TR	
		100	
		113	
18941		22029	
48			
57			

REMARKS: AH-64D (T700-GE701C)

* indicates calculations that exceed AWR limits or aircraft

PFPS Screen Shot

- Chart 4 - PFPS Tabular View**

Combat Flight Planning Software - [ROUTE2]

File Permission Edit Search Turnpoint Route View Tools Window Help

Turn Pt	Type	Fix/Point Description	Latitude Longitude	Elev MV	Aspd Bank	Calc Bank	Altitude Adjust Wind	Temp FF	MH MC	Leg Time Clock Time	Leg Dist Total Dist	Leg Fuel Total Fuel
1	ST	KNPA/A	N 30 21.16	28FT		0	28M	+15C	007	00+00+00	0.0	0
		PENSACOLA NA	W087 19.12	1.2W		0.0			007	00:00:00	0.0	2517
2	*H		N 32 13.48	100FT	110T	0	200A	+14C	356	01+01+26	112.6	927
			W087 32.08	1.5W		0.0		905	356	01:01:26	112.6	1590
		hover1	N 32 13.48	100FT	0T	0	5A	+15C	356	00+01+00	0.0	15
		Delay#1	W087 32.08	1.5W		0.0		900	356	01:02:26	112.6	1575
		hover2	N 32 13.48	100FT	0T	0	5A	+15C	356	00+02+00	0.0	30
		Delay#2	W087 32.08	1.5W		0.0		899	356	01:04:26	112.6	1545
3	*H		N 32 22.12	100FT	110T	0	200A	+14C	281	00+28+21	52.0	422
			W088 32.56	0.7W		0.0		893	281	01:32:47	164.6	1123
		hover1	N 32 22.12	100FT	0T	0	5A	+15C	281	00+01+00	0.0	15
		Delay#1	W088 32.56	0.7W		0.0		878	281	01:33:47	164.6	1108
4			N 31 00.04	100FT	110T	0	0A	+15C	181	00+44+40	81.9	663
			W088 32.56	0.6W		0.0		890	181	02:18:27	246.5	445

ROUTE2

Ready DATABASE INFO CURRENT AH-64D (T700-GE-701C) PLAN ALT NUM